

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Clay County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
6: OKOBOJI SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Okoboji	Yes	depression, ground moraine	2B3,3	YES	NO	YES	3,235
	Knoke	Yes	depression, ground moraine	2B3,3	YES	NO	YES	273
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	195
	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	195
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	Terril	No	alluvial fan, drainageway	---	---	---	---	1,486
	Spillville	No	drainageway	---	---	---	---	175
	Clarion	No	ground moraine	---	---	---	---	87
27C: TERRIL LOAM, 5 TO 9 PERCENT SLOPES	Terril	---	alluvial fan, drainageway	---	---	---	---	912
	Spillville	No	flood plain	---	---	---	---	101
27D: TERRIL LOAM, 9 TO 14 PERCENT SLOPES	Terril	---	drainageway	---	---	---	---	222
	Coland	Yes	flood plain	2B3	YES	NO	NO	28
	Spillville	No	flood plain	---	---	---	---	28
31: AFTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Afton	---	drainageway	---	---	---	---	4,470
	Afton	---	drainageway	---	---	---	---	559
	Gillett Grove	Yes	depression	2B3	YES	NO	NO	447
	McCreath	No	---	---	---	---	---	112
34B: ESTHERVILLE SANDY LOAM, 2 TO 5 PERCENT SLOPES	Estherville	No	ground moraine	---	---	---	---	151
	Hawick	No	end moraine	---	---	---	---	18
	Wadena	---	outwash plain, stream terrace	---	---	---	---	9
41C: SPARTA LOAMY SAND, 5 TO 9 PERCENT SLOPES	Sparta	---	hillslope	---	---	---	---	711
	Dickinson	No	stream terrace	---	---	---	---	79

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48: KNOKE MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Knoke	Yes	depression, ground moraine	2B3,3	YES	NO	YES	224
	Knoke	Yes	depression, ground moraine	3,2B3	YES	NO	YES	26
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	13
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Zook	Yes	flood plain	2B3	YES	NO	NO	930
	Coland	Yes	flood plain	2B3	YES	NO	NO	116
	Colo	---	flood plain	---	---	---	---	58
	Spillville	No	flood plain	---	---	---	---	58
55: NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	Nicollet	No	ground moraine, rise	---	---	---	---	10,272
	Clarion	No	ground moraine	---	---	---	---	1,370
	Crippin	No	ground moraine, rise	---	---	---	---	685
	Rolfe	Yes	depression, ground moraine	2B3,3	YES	NO	YES	685
	Webster	Yes	flat, ground moraine, swale	2B3	YES	NO	NO	685
62F: STORDEN LOAM, 18 TO 25 PERCENT SLOPES	Storden	No	ground moraine	---	---	---	---	356
	Sunburg	No	ground moraine	---	---	---	---	46
	Omsrud	No	ground moraine	---	---	---	---	32
	Terril	No	alluvial fan, drainageway	---	---	---	---	23
77B: SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Sac	---	ridge	---	---	---	---	11,992
	Annieville	---	hillslope, ridge	---	---	---	---	1,411
	McCreath	No	---	---	---	---	---	705

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
77C: SAC SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	Sac	---	hillslope	---	---	---	---	432
	Annieville	---	hillslope, ridge	---	---	---	---	48
77C2: SAC SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Sac	---	hillslope	---	---	---	---	752
	Annieville	---	hillslope, ridge	---	---	---	---	100
	McCreath	No	---	---	---	---	---	50
	Ransom	---	flat	---	---	---	---	50
	Sac	---	ridge	---	---	---	---	50
90: OKOBOJI MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	793
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	67
	Knoke	Yes	depression, ground moraine	3,2B3	YES	NO	YES	48
	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	48
95: HARPS LOAM, 0 TO 2 PERCENT SLOPES	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	1,515
	Canisteo	Yes	flat, ground moraine	2B3	YES	NO	NO	128
	Crippin	No	ground moraine, rise	---	---	---	---	91
	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	91
107: WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Webster	Yes	flat, ground moraine, swale	2B3	YES	NO	NO	10,760
	Canisteo	Yes	flat, ground moraine	2B3	YES	NO	NO	1,345
	Nicollet	No	ground moraine, rise	---	---	---	---	942

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	404
108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Wadena	---	outwash plain, stream terrace	---	---	---	---	10,958
	Wadena	No	stream terrace	---	---	---	---	2,252
	Cylinder	---	outwash plain, stream terrace	---	---	---	---	1,051
	Estherville	No	ground moraine	---	---	---	---	751
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	Wadena	---	outwash plain, stream terrace	---	---	---	---	3,760
	Wadena	No	stream terrace	---	---	---	---	470
	Ridgeport	No	---	---	---	---	---	235
	Wadena	---	outwash plain, stream terrace	---	---	---	---	235
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Colo	---	flood plain	---	---	---	---	5,501
	Zook	Yes	flood plain	2B3	YES	NO	NO	705
	Spillville	No	flood plain	---	---	---	---	494
	Calco	---	flood plain	---	---	---	---	353
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Coland	Yes	flood plain	2B3	YES	NO	NO	2,641
	Spillville	No	flood plain	---	---	---	---	382
	Havelock	---	flood plain	---	---	---	---	159
138B: CLARION LOAM, 2 TO 5 PERCENT SLOPES	Clarion	No	ground moraine	---	---	---	---	18,568
	Nicollet	No	ground moraine, rise	---	---	---	---	2,321
	Clarion	No	ground moraine	---	---	---	---	1,160
	Storden	No	ground moraine	---	---	---	---	1,160

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
138C2: CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarion	No	ground moraine	---	---	---	---	6,385
	Clarion	No	ground moraine	---	---	---	---	819
	Terril	No	alluvial fan, drainageway	---	---	---	---	573
	Storden	No	ground moraine	---	---	---	---	409
175: DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	Dickinson	No	stream terrace	---	---	---	---	1,653
	Dickman	No	---	---	---	---	---	136
	Ridgeport	No	stream terrace	---	---	---	---	97
	Wadena	No	stream terrace	---	---	---	---	58
175B: DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	Dickinson	No	stream terrace	---	---	---	---	374
	Dickman	No	---	---	---	---	---	75
	Ridgeport	No	stream terrace	---	---	---	---	25
	Wadena	No	stream terrace	---	---	---	---	25
	---	---	---	---	---	---	---	---
191: RUSHMORE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Rushmore	---	flat	---	---	---	---	3,063
	Ransom	---	flat	---	---	---	---	360
	Gillett Grove	Yes	depression	2B3	YES	NO	NO	180
201B: COLAND-TERRIL COMPLEX, 2 TO 5 PERCENT SLOPES	Coland	Yes	drainageway	2B3	YES	NO	NO	1,609
	Terril	No	alluvial fan, drainageway	---	---	---	---	1,024
	Spillville	No	drainageway	---	---	---	---	293
202: CYLINDER LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Cylinder	---	outwash plain, stream terrace	---	---	---	---	3,607
	Biscay	Yes	stream terrace	2B3	YES	NO	NO	481
	Cylinder	No	outwash plain, stream terrace	---	---	---	---	481

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Wadena	---	outwash plain, stream terrace	---	---	---	---	240
	Cylinder	No	outwash plain, stream terrace	---	---	---	---	4,279
	Biscay	Yes	stream terrace	2B3	YES	NO	NO	570
	Cylinder	---	outwash plain, stream terrace	---	---	---	---	570
	Wadena	No	stream terrace	---	---	---	---	285
221: KLOSSNER MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Klossner	Yes	depression, ground moraine	3,1	NO	NO	YES	666
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	53
	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	38
259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Biscay	Yes	stream terrace	2B3	YES	NO	NO	5,615
	Biscay	Yes	stream terrace	2B3	YES	NO	NO	1,203
	Cylinder	No	outwash plain, stream terrace	---	---	---	---	802
	Biscay	Yes	depression, stream terrace	2B3	YES	NO	NO	401
274: ROLFE SILT LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Rolfe	Yes	depression, ground moraine	3,2B3	YES	NO	YES	99
	Webster	Yes	flat, ground moraine, swale	2B3	YES	NO	NO	12
	Okoboji	Yes	depression, ground moraine	2B3,3	YES	NO	YES	6
282: RANSOM SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES								
	Ransom	---	rise	---	---	---	---	10,405

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	McCreath	No	---	---	---	---	---	1,224
	Gillett Grove	Yes	depression	2B3	YES	NO	NO	612
	Wadena	No	stream terrace	---	---	---	---	1,504
	Wadena	No	stream terrace	---	---	---	---	301
	Cylinder	No	outwash plain, stream terrace	---	---	---	---	100
	Ridgeport	No	stream terrace	---	---	---	---	100
308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	Wadena	No	stream terrace	---	---	---	---	654
	Wadena	No	stream terrace	---	---	---	---	77
	Cylinder	No	outwash plain, stream terrace	---	---	---	---	38
354: AQUOLLS (MARSH), PONDED, 0 TO 1 PERCENT SLOPES	Aquolls	Unranked	depression, ground moraine	---	---	---	---	1,870
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	234
	Klossner	Yes	depression, ground moraine	1,3	NO	NO	YES	117
	Okoboji	Yes	depression, ground moraine	3,2B3	YES	NO	YES	117
375: FOSTORIA CLAY LOAM, LACUSTRINE SUBSTRATUM, 1 TO 3 PERCENT SLOPES	Fostoria lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	1,486
	Belmann	---	flat, glacial lake (relict)	---	---	---	---	128
	Dickman	No	---	---	---	---	---	128
	Dickinson lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	92

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376F: CORNELL SILTY CLAY LOAM, 18 TO 25 PERCENT SLOPES	Cornell	---	hillslope	---	---	---	---	505
	Moneta	---	hillslope	---	---	---	---	66
	Everly	---	hillslope	---	---	---	---	47
	Terril	---	alluvial fan, drainageway	---	---	---	---	47
379: OCHEYEDAN CLAY LOAM, LACUSTRINE SUBSTRATUM, 0 TO 2 PERCENT SLOPES	Ocheyedan lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	241
	Dickinson lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	23
	Fostoria lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	20
379B: OCHEYEDAN CLAY LOAM, LACUSTRINE SUBSTRATUM, 2 TO 5 PERCENT SLOPES	Ocheyedan lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	845
	Dickinson lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	99
	Fostoria lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	50
379C2: OCHEYEDAN CLAY LOAM, LACUSTRINE SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Ocheyedan lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	109
	Dickinson lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	12
384: COLLINWOOD CLAY, 1 TO 3 PERCENT SLOPES	Collinwood	---	glacial lake (relict), rise	---	---	---	---	236
	Guckeen	No	---	---	---	---	---	28
	Waldorf	---	glacial lake (relict), rise	---	---	---	---	20
390: WALDORF SILTY CLAY, 0 TO 2 PERCENT SLOPES	Waldorf	---	flat, glacial lake (relict)	---	---	---	---	1,354

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397: LETRI CLAY LOAM, 0 TO 2 PERCENT SLOPES	Belmann	---	flat, glacial lake (relict)	---	---	---	---	169
	Collinwood	---	ground moraine	---	---	---	---	169
	Letri	---	ground moraine	---	---	---	---	8,056
	Wilmonton	---	flat	---	---	---	---	895
433E: MONETA LOAM, 14 TO 18 PERCENT SLOPES	Moneta	---	hillslope	---	---	---	---	1,023
	Everly	---	hillslope	---	---	---	---	128
	Terril	---	alluvial fan, drainageway	---	---	---	---	90
	Sac	---	hillslope	---	---	---	---	38
433F: MONETA LOAM, 18 TO 25 PERCENT SLOPES	Moneta	---	hillslope	---	---	---	---	1,946
	Everly	---	hillslope	---	---	---	---	243
	Terril	---	alluvial fan, drainageway	---	---	---	---	243
433G: MONETA LOAM, 25 TO 40 PERCENT SLOPES	Moneta	---	hillslope	---	---	---	---	2,547
	Terril	---	drainageway	---	---	---	---	300
	Everly	---	hillslope	---	---	---	---	150
455: WILMONTON CLAY LOAM, 1 TO 3 PERCENT SLOPES	Wilmonton	---	flat	---	---	---	---	8,586
	Everly	---	ridge	---	---	---	---	1,010
	Letri	---	ground moraine	---	---	---	---	505
456: WILMONTON SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	Wilmonton	---	rise	---	---	---	---	3,706
	Everly	---	ridge	---	---	---	---	206
	Rushmore	---	flat	---	---	---	---	206
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Spillville	No	flood plain	---	---	---	---	828
	Coland	Yes	flood plain	2B3	YES	NO	NO	104
	Hanlon	No	flood plain	---	---	---	---	52

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506: WACOUSTA SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Havelock	---	flood plain	---	---	---	---	52
	Wacousta	Yes	depression, ground moraine	3,2B3	YES	NO	YES	286
	Calcousta	Yes	depression, ground moraine	3,2B3	YES	NO	YES	24
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	17
	Klossner	Yes	depression, ground moraine	1,3	NO	NO	YES	17
507: CANISTEO CLAY LOAM, 0 TO 2 PERCENT SLOPES	Canisteo	Yes	flat, ground moraine	2B3	YES	NO	NO	8,906
	Webster	Yes	flat, ground moraine, swale	2B3	YES	NO	NO	1,188
	Crippin	No	ground moraine, rise	---	---	---	---	594
	Harps	Yes	depression, ground moraine, rim	2B3	YES	NO	NO	594
	Okoboji	Yes	depression, ground moraine	2B3,3	YES	NO	YES	594
541C: ESTHERVILLE-HAWICK COMPLEX, 5 TO 9 PERCENT SLOPES	Estherville	No	ground moraine, outwash plain	---	---	---	---	577
	Hawick	No	ground moraine, outwash plain	---	---	---	---	577
	Terril	---	alluvial fan, drainageway	---	---	---	---	128
559: TALCOT CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Talcot	---	outwash plain, stream terrace	---	---	---	---	4,687
	Talcot	Yes	outwash terrace	2B3	YES	NO	NO	586
	Biscay	Yes	depression, stream terrace	2B3	YES	NO	NO	293

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	Cylinder	No	outwash plain, stream terrace	---	---	---	---	293
577B: EVERLY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Everly	---	ridge	---	---	---	---	13,011
	Everly	---	hillslope	---	---	---	---	1,735
	Wilmonton	---	flat	---	---	---	---	1,735
	Sac	---	ridge	---	---	---	---	867
577C2: EVERLY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Everly	---	hillslope	---	---	---	---	2,208
	Everly	---	hillslope	---	---	---	---	442
	Sac	---	hillslope	---	---	---	---	147
	Terril	---	alluvial fan, drainageway	---	---	---	---	147
637D2: EVERLY-MONETA COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Everly	---	hillslope	---	---	---	---	754
	Moneta	---	hillslope	---	---	---	---	528
	Terril	---	alluvial fan, drainageway	---	---	---	---	151
	Sac	---	hillslope	---	---	---	---	75
638C2: CLARION-STORDEN COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarion	No	ground moraine	---	---	---	---	326
	Storden	No	ground moraine	---	---	---	---	228
	Clarion	No	ground moraine	---	---	---	---	33
	Sunburg	No	ground moraine	---	---	---	---	33
	Terril	No	alluvial fan, drainageway	---	---	---	---	33
672: MAY CITY SANDY CLAY LOAM, 0 TO 2 PERCENT SLOPES	May City	---	flat	---	---	---	---	1,389
	Dickinson	No	stream terrace	---	---	---	---	154
672B: MAY CITY SANDY CLAY LOAM, 2 TO 5 PERCENT SLOPES	May City	---	ridge	---	---	---	---	522

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
672C2: MAY CITY SANDY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Hawick	No	end moraine	---	---	---	---	58
	May City	---	hillslope	---	---	---	---	116
	Hawick	No	end moraine, stream terrace	---	---	---	---	13
709: FAIRHAVEN SILT LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Fairhaven	---	stream terrace	---	---	---	---	331
	Fairhaven	Unranked	stream terrace	---	---	---	---	39
	Cylinder	No	outwash plain, stream terrace	---	---	---	---	19
733: CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Calco	---	flood plain	---	---	---	---	1,112
	Colo	---	flood plain	---	---	---	---	131
	Spillville	No	flood plain	---	---	---	---	65
735: HAVELOCK CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Havelock	---	flood plain	---	---	---	---	85
	Coland	Yes	flood plain	2B3	YES	NO	NO	10
	Spillville	No	flood plain	---	---	---	---	7
740D: HAWICK GRAVELLY LOAMY SAND, 9 TO 14 PERCENT SLOPES	Hawick	No	ground moraine, outwash plain	---	---	---	---	441
	Estherville	No	ground moraine	---	---	---	---	52
	Dickman	No	---	---	---	---	---	26
810: GALVA SILTY CLAY LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	Galva	---	stream terrace	---	---	---	---	515
	Primghar	No	---	---	---	---	---	57
810B: GALVA SILTY CLAY LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	Galva	---	stream terrace	---	---	---	---	75

Hydric Soils List

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Clay County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
828B: ZENOR SANDY LOAM, 2 TO 5 PERCENT SLOPES	Zenor	No	ground moraine	---	---	---	---	13
	Sunburg	No	ground moraine	---	---	---	---	1
	Clarion	No	ground moraine	---	---	---	---	1
828C2: ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Zenor	No	ground moraine	---	---	---	---	5
	Clarion	No	ground moraine	---	---	---	---	0
	Sunburg	No	ground moraine	---	---	---	---	0
	Terril	No	alluvial fan, drainageway	---	---	---	---	0
835D2: STORDEN-OMSRUD COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Sunburg	No	ground moraine	---	---	---	---	232
	Terril	No	alluvial fan, drainageway	---	---	---	---	116
	Storden	No	ground moraine	---	---	---	---	1,160
	Omsrud	No	ground moraine	---	---	---	---	812
835E2: STORDEN-OMSRUD COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Storden	---	ground moraine	---	---	---	---	280
	Omsrud	No	ground moraine	---	---	---	---	224
	Storden	No	ground moraine	---	---	---	---	28
	Terril	No	alluvial fan, drainageway	---	---	---	---	28
854D: HISTOSOLS, FENS, 2 TO 25 PERCENT SLOPES	Histosols, fens	---	hillslope	---	---	---	---	13
	Coland	Yes	flood plain	2B3	YES	NO	NO	1
	Klossner	Yes	depression, ground moraine	3,1	NO	NO	YES	1
	Storden	No	ground moraine	---	---	---	---	1
	Terril	---	drainageway	---	---	---	---	1
874: DICKINSON SANDY LOAM, LACUSTRINE SUBSTRATUM, 0 TO 2 PERCENT SLOPES	Dickinson lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	248

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Clay County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
874B: DICKINSON SANDY LOAM, LACUSTRINE SUBSTRATUM, 2 TO 5 PERCENT SLOPES	Ocheyedan lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	28
	Dickinson lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	303
	Ocheyedan lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	34
874C2: DICKINSON SANDY LOAM, LACUSTRINE SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Dickinson lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	54
	Ocheyedan lacustrine substratum	---	glacial lake (relict), rise	---	---	---	---	6
	Roine	---	flat	---	---	---	---	456
875: ROINE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	Dickinson	No	stream terrace	---	---	---	---	36
	Ocheyedan	---	ridge	---	---	---	---	26
	Roine	---	ridge	---	---	---	---	1,557
875B: ROINE FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	Ocheyedan	---	ridge	---	---	---	---	124
	Dickinson	No	stream terrace	---	---	---	---	88
	Roine	---	hillslope	---	---	---	---	157
875C2: ROINE FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Dickinson	No	stream terrace	---	---	---	---	18
	Ocheyedan	---	ridge	---	---	---	---	9
	Ocheyedan	---	flat	---	---	---	---	332
878: OCHEYEDAN LOAM, 0 TO 2 PERCENT SLOPES	Everly	---	ridge	---	---	---	---	27
	Fostoria	---	ridge	---	---	---	---	27
	Ocheyedan	---	ridge	---	---	---	---	492
878B: OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES	Everly	---	ridge	---	---	---	---	42

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
879: FOSTORIA LOAM, 1 TO 3 PERCENT SLOPES	Fostoria	---	ridge	---	---	---	---	30
	Ocheyedan	No	---	---	---	---	---	30
	Fostoria	---	ridge	---	---	---	---	1,229
	Everly	---	ridge	---	---	---	---	100
	Ocheyedan	---	flat	---	---	---	---	100
928: ANNIEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Annieville	---	flat	---	---	---	---	1,371
	Galva	---	stream terrace	---	---	---	---	116
	McCreath	No	---	---	---	---	---	83
	Sac	---	ridge	---	---	---	---	83
	Annieville	---	hillslope, ridge	---	---	---	---	333
928B: ANNIEVILLE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Galva	---	stream terrace	---	---	---	---	28
	Sac	---	ridge	---	---	---	---	28
	McCreath	No	---	---	---	---	---	12
	Gillett Grove	---	depression	---	---	---	---	541
	Gillett Grove	Yes	depression	2B3	YES	NO	NO	96
1053: BELMANN CLAY LOAM, GYPSUM PHASE, 0 TO 2 PERCENT SLOPES	Belmann	---	flat, glacial lake (relict), swale	---	---	---	---	452
	Belmann	---	flat, glacial lake (relict)	---	---	---	---	39
	Okoboji	Yes	depression, ground moraine	2B3,3	YES	NO	YES	39
	Fostoria lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	28
	McCreath	---	flat	---	---	---	---	41,764
1091: MCCREATH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES								

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1092: GILLETT GROVE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ransom	---	flat	---	---	---	---	4,913
	Gillett Grove	---	depression	---	---	---	---	2,457
	Gillett Grove	---	flat	---	---	---	---	31,060
	McCreath	No	---	---	---	---	---	3,654
	Afton	---	drainageway	---	---	---	---	1,827
1133: COLO SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	Colo	---	flood plain	---	---	---	---	2,752
	Colo	---	flood plain	---	---	---	---	536
	Coland	Yes	flood plain	2B3	YES	NO	NO	179
	Water	---	---	---	---	---	---	107
	Biscay	Yes	depression, stream terrace	2B3	YES	NO	NO	635
1259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Shandep	Yes	depression	3,2B3	YES	NO	YES	79
	Talcot	---	outwash plain, stream terrace	---	---	---	---	56
	Biscay	Yes	stream terrace	2B3	YES	NO	NO	24
	Ocheda	No	ground moraine, rise	---	---	---	---	832
	Collinwood	---	glacial lake (relict), rise	---	---	---	---	49
1385: OCHEDA SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	Guckeen	No	---	---	---	---	---	49
	Nicollet	No	ground moraine, rise	---	---	---	---	29
	Clarion	No	ground moraine	---	---	---	---	20
	Belmann	---	flat, glacial lake (relict)	---	---	---	---	1,888
	Ocheyedan lacustrine substratum	---	flat, glacial lake (relict)	---	---	---	---	222
1508: BELMANN CLAY LOAM, 0 TO 2 PERCENT SLOPES								

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1585: COLAND-SPILLVILLE COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	Belmann	---	flat, glacial lake (relict), swale	---	---	---	---	111
	Spillville	No	flood plain	---	---	---	---	2,481
	Coland	Yes	flood plain	2B3	YES	NO	NO	1,930
	Hanlon	No	flood plain	---	---	---	---	551
	Havelock	---	flood plain	---	---	---	---	276
	Water	---	---	---	---	---	---	276
4000: URBAN LAND	---	---	---	---	---	---	---	---
5010: PITS, SAND AND GRAVEL	Pits, sand and gravel	---	stream terrace	---	---	---	---	631
5040: UDORTHENTS, LOAMY (CUT AND FILL LAND)	Orthents, loamy	---	---	---	---	---	---	254
5060: PITS, CLAY	Pits, clay	---	---	---	---	---	---	6
AW: ANIMAL WASTE	Animal waste	Unranked	---	---	---	---	---	2
SL: SEWAGE LAGOON	SEWAGE LAGOON	---	---	---	---	---	---	23
W: WATER	Water	Unranked	---	---	---	---	---	3,051